

106.4 - Environmental Matrices with Carbon Values

These materials are intended for use in evaluating analytical methods used to measure carbon; SRM 1216 is intended for the calibration of instruments, used to measure total carbon. Also see:

- [Table 104.4 Microchemistry \(powder form\)](#)
- [Table 104.10 Light Stable Isotopic Materials \(gas, liquid and solid forms\)](#)
- [Table 107.1 Primary Gas Mixtures](#)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	1632e	1944	2718a	2719	2775	2776	8704	8785	8786
Description	Trace Elements in Coal (Bituminous)	New York/New Jersey Waterway Sediment	Green Petroleum Coke	Calcined Petroleum Coke	Sulfur in Foundry Coke	Sulfur in Furnace Coke	Buffalo River Sediment	Air Particulate Matter on Filter Media	Filter Blank for RM 8785
Unit of Issue	(50 g)	(50 g)	(50 g)	(50 g)	(50 g)	(50 g)	(50 g)	(3 filters)	(filter)
Carbon (mass fraction, in %)	(76)	4.4 (TOC)	(90)	97.06	91.34	89.15	3.351	22.3	3.3 g/cm2

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only